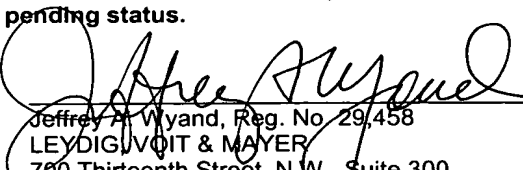


JC10 Rec'd PCT/PTO 22 JUL 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 03450/NGB CLIENT REF. NO. A67-169430M/TRK U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/543168</b>
INTERNATIONAL APPLICATION NO. PCT/JP2004/000487	INTERNATIONAL FILING DATE January 21, 2004	PRIORITY DATE CLAIMED January 23, 2003
TITLE OF INVENTION <b>DISCRIMINATION SENSOR</b>		
APPLICANT(S) FOR DO/EO/US <b>FUJIMOTO et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)).</li> <li>4. <input type="checkbox"/> The US has been elected (PCT Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 USC 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has previously been submitted under 35 U.S.C.V. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 USC 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).</li> <li>11. Nucleotide and/or Amino Acid Sequence Submission <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on: <ol style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper Copy</li> </ol> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ol> </li> </ol>		
<b>Items 12 to 20 below concern other document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> Form PTO-1449</li> <li><input checked="" type="checkbox"/> Copies of References (except for U.S. patents and applications)</li> </ol> </li> <li>13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>14. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</li> <li>15. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>16. <input type="checkbox"/> A substitute specification.</li> <li>17. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>18. <input checked="" type="checkbox"/> Application Data Sheet Under 37 CFR 1.76</li> <li>19. <input checked="" type="checkbox"/> Return Receipt Postcard</li> <li>20. <input checked="" type="checkbox"/> Other items or information: International Search Report (PCT/ISA/210)</li> </ol>		

**SEND TO: U.S. Patent and Trademark Office, Customer Service Window, Mail Stop PCT, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY DOCKET NO.		CLIENT REF. NO.	
10/543168		PCT/JP2004/000487		403450/NGB		A67-169430M/TRK	
The following fees are submitted:						CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee .....						\$300.00	
22. <input checked="" type="checkbox"/> Examination Fee							
If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....						\$200.00	
All other situations .....							
23. <input checked="" type="checkbox"/> Search Fee							
USPTO was ISA .....						\$400.00	
Search report provided to USPTO by other entity .....							
All other situations .....							
<b>TOTAL OF 21, 22 AND 23 =</b>						<b>\$900.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE			
- 100 =	/ 50 =			x \$250			
<input type="checkbox"/> Surcharge of \$130 for furnishing the National fee or oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).						\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA		RATE			
Total Claims	21	- 20 =		x \$ 50		\$50.00	
Independent Claims	2	- 3 =		x \$200		\$	
<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>						\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>						<b>\$950.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						\$ ( )	
<b>SUBTOTAL=</b>						<b>\$950.00</b>	
<input type="checkbox"/> Processing fee of \$130 for furnishing English Translation later than 30 months from the earliest claimed priority date.						\$	
<b>TOTAL NATIONAL FEE=</b>						<b>\$950.00</b>	
<input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property.						\$	
<b>TOTAL FEES ENCLOSED=</b>						<b>\$950.00</b>	
						Amount to be: refunded	\$
						Amount to be: charged:	<b>\$ 950.00</b>
<p>a. <input type="checkbox"/> No fee is believed to be due.</p> <p>b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 12-1216 the total fee indicated above.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is enclosed.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO CUSTOMER NO. 23548:</p> <p style="text-align: center; font-size: 1.2em;">23548</p> <div style="text-align: right;">               Jeffrey A. Wyand, Reg. No. 29,458              LEYDIG, VOIT &amp; MAYER              700 Thirteenth Street, N.W., Suite 300              Washington, DC 20005-3960              (202) 737-6770 (telephone)              (202) 737-6776 (facsimile)              Date: <u>July 22, 2005</u> </div>							